

Product Datasheet

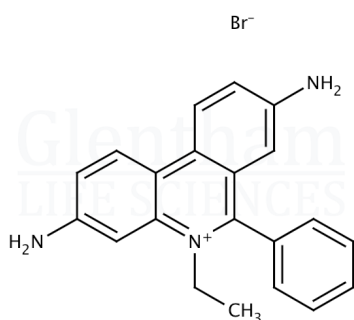
GT1710 - Ethidium bromide

Product Details

Product Name	Ethidium bromide
Glenthams Code	GT1710
CAS Number	1239-45-8
EINECS	214-984-6
MDL Number	MFCD00011724
PubChem SID	310272694
Related Categories	Biochemicals, Dyes & Stains, Reagents for PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting, Molecular Biology

Structure

Molecular Weight	: 394.31
Molecular Formula	: C ₂₁ H ₂₀ BrN ₃



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Acute Tox. 2, Acute Tox. 4, Muta. 2
Signal Word	Danger

Hazard Codes	H330, H302, H341
Precautionary Codes	P281, P304+P340, P308+P313, P310, P260, P301+P312

Pictograms



UN Number, Class, PG (RID)	UN2811 - 6.1 - PG I
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Glenthams Product Specification

Physical Description	: Red to dark red or purple crystalline powder
Solubility (1% in water)	: Clear, red to dark red solution
Wavelength of Maximum Absorption (λ _{max})	: 524.0 - 527.0 nm (in methanol)
Absorptivity (1%/1cm)	: 155 - 170 (λ _{max} , 0.05g/l, methanol, dried)
Loss on Drying	: ≤ 9.5%
Assay	: ≥ 95.0% (anhydrous basis)
Version	: v1.1

About Ethidium bromide

Ethidium bromide is an intercalating agent for both DNA and RNA and is the most commonly used fluorescence marker in gel electrophoresis.

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